L Number	Hits	Search Text	DB	Time stamp
1	850	430/272.1,275.1.ccls.	USPAT;	2003/11/06 13:02
			US-PGPUB	0000144100 44.40
-	11881	butyrolactone or butalactone or butyryllactone or	USPAT;	2003/11/06 11:18
Í		hydroxybutyric adj acid adj lactone or butanolide or	US-PGPUB	
		oxacyclopentan adj "2" adj one or oxolanone or oxotetrahdyrofurane		
_	5492	cyclopentanone or adipic adj ketone or dumasin or	USPAT;	2003/08/01 15:48
-	3432	ketocyclopentane or ketopentamethylene	US-PGPUB	2000/00/01 10:40
- !	5956	propanol same methoxy same acetate or propanediol adj	USPAT;	2003/08/01 15:52
\		monoacetate adj monomethyl adj ether or arcosolve adj pma	US-PGPUB	
[or Bawanol adj PMA or dowanol adj pma or isopropylene adj		
1		glycol adj monomethyl adj ether adj acetate or		
}		methoxypropanol adj acetate or methoxypropyl adj acetate or	Í	
		pgmac or pgmea or pm adj acetate or propylene adj glycol adj		
ľ		methyl adj ether adj acetate or propylene adj glycol adj		
}		monomethyl adj ether adj acetate		
-	38143	cyclohexanone or anon or anone or hexanon or hytrol adj o or	USPAT;	2003/08/01 15:53
1	60004	nadone or pimelic adj ketone or pimelin adj ketone or sextone	US-PGPUB	0000/00/04 45.54
-	69804	butanone or ethyl adj methyl adj ketone or methyl adj ethyl adj	USPAT;	2003/08/01 15:54
	98449	ketone or mek	US-PGPUB USPAT;	2002/09/01 15:56
-	90449	(butyrolactone or butalactone or butyryllactone or hydroxybutyric adj acid adj lactone or butanolide or	US-PGPUB	2003/08/01 15:56
		oxacyclopentan adj "2" adj one or oxolanone or	03-1 01 08	
İ		oxotetrahdyrofurane) (cyclopentanone or adipic adj. ketone or		
1		dumasin or ketocyclopentane or ketopentamethylene) (
ļ		propanol same methoxy same acetate or propanediol adj		
		monoacetate adj monomethyl adj ether or arcosolve adj pma		1
		or Bawanol adj PMA or dowanol adj pma or isopropylene adj		
		glycol adj monomethyl adj ether adj acetate or		
ľ		methoxypropanol adj acetate or methoxypropyl adj acetate or		
(pgmac or pgmea or pm adj acetate or propylene adj glycol adj		
		methyl adj ether adj acetate or propylene adj glycol adj		
)		monomethyl adj ether adj acetate) (cyclohexanone or anon or		
		anone or hexanon or hytrol adj o or nadone or pimelic adj		
		ketone or pimelin adj ketone or sextone) (butanone or ethyl adj methyl adj ketone or methyl adj ethyl adj ketone or mek)		
_	5282	su8 or su adj "8" or su\$3 adj "8"	USPAT;	2003/08/01 16:22
	OLUZ	Sub-or-ou adj-o-or-supe adj-o	US-PGPUB	2000/00/01 10.22
_	682	((butyrolactone or butalactone or butyryllactone or	USPAT;	2003/08/01 15:57
İ		hydroxybutyric adj acid adj lactone or butanolide or	US-PGPUB	
		oxacyclopentan adj "2" adj one or oxolanone or		
)		oxotetrahdyrofurane) (cyclopentanone or adipic adj. ketone or		
Į.		dumasin or ketocyclopentane or ketopentamethylene) (
		propanol same methoxy same acetate or propanediol adj		
		monoacetate adj monomethyl adj ether or arcosolve adj pma		
		or Bawanol adj PMA or dowanol adj pma or isopropylene adj		
1		glycol adj monomethyl adj ether adj acetate or		
}		methoxypropanol adj acetate or methoxypropyl adj acetate or pgmac or pgmae or pm adj acetate or propylene adj glycol adj		
		methyl adj ether adj acetate or propylene adj glycol adj		
		monomethyl adj ether adj acetate of propylene adj grycor adj		
	11	anone or hexanon or hytrol adj o or nadone or pimelic adj		
		ketone or pimelin adj ketone or sextone) (butanone or ethyl adj		1
		methyl adj ketone or methyl adj ethyl adj ketone or mek)) and		
		(su8 or su adj "8" or su\$3 adj "8")		
-	18595	\$caprolacton\$	USPAT;	2003/08/01 17:06
}			US-PGPUB	

EAST DATA Base Search History
Oitedin Search Notes

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CYNTHIA MAMILTON PRIMARY EXAMINER

Search History 11/6/03 1:03:05 PM Page 1 C:\APPS\east\workspaces\09942521.wsp

	3	(((butyrolactone or butalactone or butyryllactone or hydroxybutyric adj acid adj lactone or butanolide or oxacyclopentan adj "2" adj one or oxolanone or oxotetrahdyrofurane) (cyclopentanone or adipic adj ketone or dumasin or ketocyclopentane or ketopentamethylene) (propanol same methoxy same acetate or propanediol adj monoacetate adj monomethyl adj ether or arcosolve adj pma or Bawanol adj PMA or dowanol adj pma or isopropylene adj glycol adj monomethyl adj ether adj acetate or methoxypropanol adj acetate or methoxypropyl adj acetate or pgmac or pgmea or pm adj acetate or propylene adj glycol adj methyl adj ether adj acetate or propylene adj glycol adj monomethyl adj ether adj acetate) (cyclohexanone or anon or anone or hexanon or hytrol adj o or nadone or pimelic adj ketone or pimelin adj ketone or sextone) (butanone or ethyl adj	USPAT; US-PGPUB	2003/08/01 15:58
l İ		methyl adj ketone or methyl adj ethyl adj ketone or mek))		
-	159	same (su8 or su adj "8" or su\$3 adj "8")) and \$caprolacton\$ (su8 or su adj "8" or su\$3 adj "8") and \$caprolacton\$	USPAT; US-PGPUB	2003/08/01 16:00
<u> </u>	15	(su8 or su adj "8" or su\$3 adj "8") same \$caprolacton\$	USPAT; US-PGPUB	2003/08/01 16:00
-	144	((su8 or su adj "8" or su\$3 adj "8") and \$caprolacton\$) not ((su8 or su adj "8" or su\$3 adj "8") same \$caprolacton\$)	USPAT; US-PGPUB	2003/08/01 16:01
-	157	((butyrolactone or butalactone or butyryllactone or	USPAT;	2003/08/01 16:21
		hydroxybutyric adj acid adj lactone or butanolide or oxacyclopentan adj "2" adj one or oxolanone or	US-PGPUB	
		oxotetrahdyrofurane) (cyclopentanone or adipic adi ketone or		
		dumasin or ketocyclopentane or ketopentamethylene) (propanol same methoxy same acetate or propanediol adj		
	ĺ	monoacetate adj monomethyl adj ether or arcosolve adj pma		
		or Bawanol adj PMA or dowanol adj pma or isopropylene adj		
		glycol adj monomethyl adj ether adj acetate or methoxypropanol adj acetate or methoxypropyl adj acetate or		
]	pgmac or pgmea or pm adj acetate or propylene adj glycol adj		
		methyl adj ether adj acetate or propylene adj glycol adj		
	1	monomethyl adj ether adj acetate) (cyclohexanone or anon or anone or hexanon or hytrol adj o or nadone or pimelic adj		
		ketone or pimelin adj ketone or sextone) (butanone or ethyl adj		
	ļ	methyl adj ketone or methyl adj ethyl adj ketone or mek))		
_	3904	same (su8 or su adj "8" or su\$3 adj "8") (su8 or su adj "8" or su\$3 adj "8") not sup		
	3904	(sub or su adj. o. or sups adj. o.) not sup	USPAT; US-PGPUB	2003/11/06 12:50
-	449	((su8 or su adj "8" or su\$3 adj "8") not sup) and ((USPAT;	2003/08/01 16:27
		butyrolactone or butalactone or butyryllactone or hydroxybutyric adj acid adj lactone or butanolide or	US-PGPUB	
	[oxacyclopentan adj "2" adj one or oxolanone or		
	ļ	oxotetrahdyrofurane) (cyclopentanone or adipic adi, ketone or		
]	dumasin or ketocyclopentane or ketopentamethylene) (
]	propanol same methoxy same acetate or propanediol adj monoacetate adj monomethyl adj ether or arcosolve adj pma		
	[]	or Bawanol adj PMA or dowanol adj pma or isopropylene adj		
		glycol adj monomethyl adj ether adj acetate or	ĺ	
		methoxypropanol adj acetate or methoxypropyl adj acetate or pgmac or pgmea or pm adj acetate or propylene adj glycol adj		
		methyl adj ether adj acetate or propylene adj glycol adj		
		monomethyl adj ether adj acetate) (cyclohexanone or anon or		
		anone or hexanon or hytrol adj o or nadone or pimelic adj ketone or pimelin adj ketone or sextone) (butanone or ethyl adj	j	
·	<u> </u>	methyl adj ketone or methyl adj ethyl adj ketone or mek))		

r		(//au 0 at au = 4: 11011 ar au 62 adi: 11011) and au au au au au au au au au au au au au	LICDAT	2003/08/01 16:28
-	408	(((su8 or su adj "8" or su\$3 adj "8") not sup) and ((USPAT;	2003/06/01 16:26
		butyrolactone or butalactone or butyryllactone or	US-PGPUB	
		hydroxybutyric adj acid adj lactone or butanolide or		
		oxacyclopentan adj "2" adj one or oxolanone or		
		oxotetrahdyrofurane) (cyclopentanone or adipic adj ketone or		
		dumasin or ketocyclopentane or ketopentamethylene) (}
		propanol same methoxy same acetate or propanediol adj		
	1	monoacetate adj monomethyl adj ether or arcosolve adj pma		
		or Bawanol adj PMA or dowanol adj pma or isopropylene adj		
		glycol adj monomethyl adj ether adj acetate or		
		methoxypropanol adj acetate or methoxypropyl adj acetate or		
	İ	pgmac or pgmea or pm adj acetate or propylene adj glycol adj		
	i .	methyl adj ether adj acetate or propylene adj glycol adj		
		monomethyl adj ether adj acetate) (cyclohexanone or anon or		
		anone or hexanon or hytrol adj o or nadone or pimelic adj		
		ketone or pimelin adj ketone or sextone) (butanone or ethyl adj		
		methyl adj ketone or methyl adj ethyl adj ketone or mek))) not		
		super		
-	339	(((su8 or su adj "8" or su\$3 adj "8") not sup) and ((USPAT;	2003/08/01 16:32
	il i	butyrolactone or butalactone or butyryllactone or	US-PGPUB	
		hydroxybutyric adj acid adj lactone or butanolide or		
		oxacyclopentan adj "2" adj one or oxolanone or		1
		oxotetrahdyrofurane) (cyclopentanone or adipic adj. ketone or		
		dumasin or ketocyclopentane or ketopentamethylene) (
		propanol same methoxy same acetate or propanediol adj		
		monoacetate adj monomethyl adj ether or arcosolve adj pma		
		or Bawanol adj PMA or dowanol adj pma or isopropylene adj	į.	
		glycol adj monomethyl adj ether adj acetate or		
	i	methoxypropanol adj acetate or methoxypropyl adj acetate or		
		pgmac or pgmea or pm adj acetate or propylene adj glycol adj		
		methyl adj ether adj acetate or propylene adj glycol adj		1
1		monomethyl adj ether adj acetate) (cyclohexanone or anon or		
		anone or hexanon or hytrol adj o or nadone or pimelic adj		
		ketone or pimelin adj ketone or sextone) (butanone or ethyl adj		
		methyl adj ketone or methyl adj ethyl adj ketone or mek))) not		
		super not sub		
	1	octaglycidylether or octaglycidyl adj ether	USPAT;	2003/08/01 16:32
-		octagiyoldyletiler or octagiyoldyr adj etrler	US-PGPUB	2003/00/01 10.32
	65	420/200 1 pale and tone	USPAT:	2003/08/01 17:04
-	00	430/280.1.ccls. and tone		2003/06/01 17:04
	40	420/200 4 agle and tage and // hutural extens on hutal extens	US-PGPUB	0000/00/04 47:04
-	40	430/280.1.ccls. and tone and ((butyrolactone or butalactone	USPAT;	2003/08/01 17:04
	1	or butyryllactone or hydroxybutyric adj acid adj lactone or	US-PGPUB	
		butanolide or oxacyclopentan adj "2" adj one or oxolanone or		
	1	oxotetrahdyrofurane) (cyclopentanone or adipic adj. ketone or		
		dumasin or ketocyclopentane or ketopentamethylene) (
	i	propanol same methoxy same acetate or propanediol adj		
		monoacetate adj monomethyl adj ether or arcosolve adj pma		
		or Bawanol adj PMA or dowanol adj pma or isopropylene adj		
		glycol adj monomethyl adj ether adj acetate or		
		methoxypropanol adj acetate or methoxypropyl adj acetate or		
		pgmac or pgmea or pm adj acetate or propylene adj glycol adj		
		methyl adj ether adj acetate or propylene adj glycol adj		
1		monomethyl adj ether adj acetate) (cyclohexanone or anon or		
		anone or hexanon or hytrol adj o or nadone or pimelic adj		
		ketone or pimelin adj ketone or sextone) (butanone or ethyl adj		
		methyl adj ketone or methyl adj ethyl adj ketone or mek))		

[-	6	(430/280.1.ccls. and tone and ((butyrolactone or butalactone or butyryllactone or hydroxybutyric adj acid adj lactone or	USPAT; US-PGPUB	2003/08/01 17:05
		butanolide or oxacyclopentan adj "2" adj one or oxolanone or oxotetrahdyrofurane) (cyclopentanone or adipic adj ketone or dumasin or ketocyclopentane or ketopentamethylene) (
		propanol same methoxy same acetate or propanediol adj monoacetate adj monomethyl adj ether or arcosolve adj pma or Bawanol adj PMA or dowanol adj pma or isopropylene adj		
		glycol adj monomethyl adj ether adj acetate or methoxypropanol adj acetate or methoxypropyl adj acetate or pgmac or pgmea or pm adj acetate or propylene adj glycol adj methyl adj ether adj acetate or propylene adj glycol adj		
		monomethyl adj ether adj acetate) (cyclohexanone or anon or anone or hexanon or hytrol adj o or nadone or pimelic adj ketone or pimelin adj ketone or sextone) (butanone or ethyl adj methyl adj ketone or methyl adj ethyl adj ketone or mek))) and		
-	100	\$caprolacton\$ \$caprolacton\$ and 430/280.1.ccls.	USPAT; US-PGPUB	2003/08/01 17:07
-	24395	\$caprolacton\$	USPAT; US-PGPUB; EPO; JPO;	2003/08/25 12:15
_	0	\$caprolacton\$ and 430/20.1.ccls.	DERWENT; IBM_TDB USPAT;	2003/08/25 09:02
į.			US-PGPUB; EPO; JPO; DERWENT;	
-	0	\$caprolacton\$ and 430/20.1.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/25 09:03
-	0	430/20.1.ccls.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/08/25 09:02
-	101	\$caprolacton\$ and 430/280.1.ccls.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/11/06 12:06
-	1	us-20030003398-\$.did.	IBM_TDB EPO; JPO;	2003/08/25 11:44
-	5590	\$caprolacton\$	DERWENT EPO; JPO; DERWENT;	2003/08/25 12:16
-	63	\$caprolacton\$ and (g03f\$.ipc.)	IBM_TDB EPO; JPO; DERWENT;	2003/08/25 12:16
-	15	430/280.1.ccls. and @pd>20030824	USPAT; US-PGPUB	2003/11/06 12:05
-	4423	430/311,326,330.ccls.	USPAT; US-PGPUB	2003/11/06 12:05
1-	622	430/280.1.ccls.	USPAT; US-PGPUB	2003/11/06 12:06
-	4308	430/311,326,330.ccls. not 430/280.1.ccls.	USPAT; US-PGPUB	2003/11/06 12:06
-	53	\$caprolacton\$ and (430/311,326,330.ccls. not 430/280.1.ccls.)	USPAT; US-PGPUB	2003/11/06 12:49
-	0 4255	6555286.URPN. (430/311,326,330.ccls. not 430/280.1.ccls.) not (\$caprolacton\$ and (430/311,326,330.ccls. not 430/280.1.ccls.))	USPAT USPAT; US-PGPUB	2003/11/06 12:44 2003/11/06 12:50

-	28	(su8 or su adj "8" or su\$3 adj "8") and ((430/311,326,330 ccls.	USPAT;	2003/11/06 12:50
İ		not 430/280.1.ccls.) not (\$caprolacton\$ and	US-PGPUB	
	l i	(430/311,326,330.ccls. not 430/280.1.ccls.)))		}